

*Electronic Supplementary Information*

## Pyrazolylbenzyltriazoles as Cyclooxygenase Inhibitors: Synthesis and Biological Evaluation as dual Anti-inflammatory and Antimicrobial Agents

Nisha Chandna<sup>\*a</sup>, Jitander K. Kapoor<sup>\*a</sup>, Jagdeep Grover<sup>b</sup>, Khemraj Bairwa<sup>b</sup>, Varsha Goyal<sup>c</sup>, Sanjay M. Jachak<sup>b</sup>

<sup>\*a</sup>Department of Chemistry, National Institute of Technology, Kurukshetra-136119, Haryana (India)

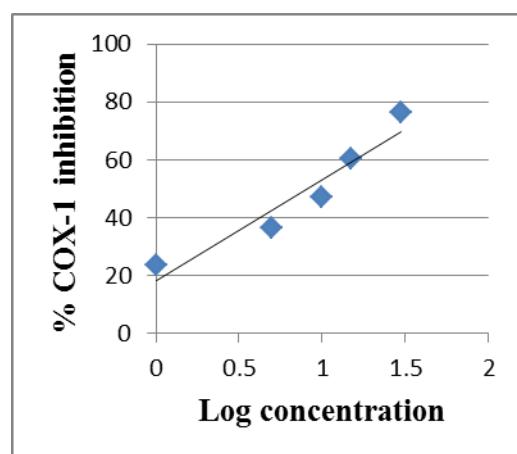
<sup>b</sup>Department of Natural Products, National Institute of Pharmaceutical Education and Research (NIPER) Sector-67, SAS Nagar, Mohali-160062, Punjab (India)

<sup>c</sup>Department of Microbiology, Kurukshetra University Kurukshetra-136119, Haryana (India)

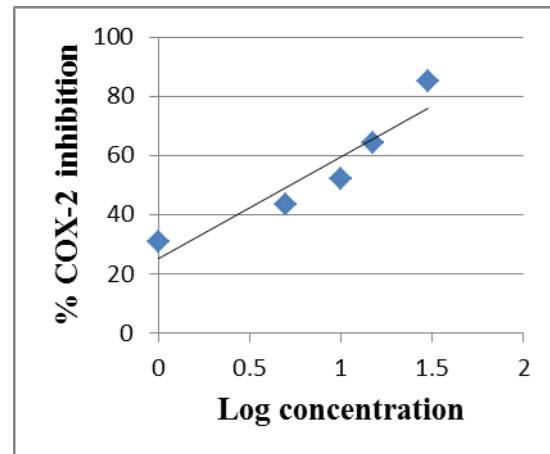
\*Corresponding Author: Fax: +91 1744 238050, Tel.: +91 9416550164

E-mails: [jkkapoor11@gmail.com](mailto:jkkapoor11@gmail.com), [chandna.nisha@gmail.com](mailto:chandna.nisha@gmail.com)

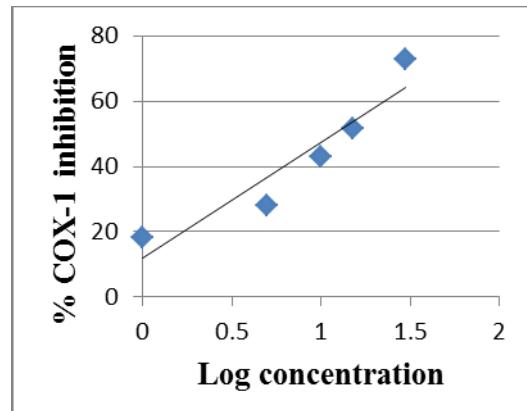
**FIGURE: 2**



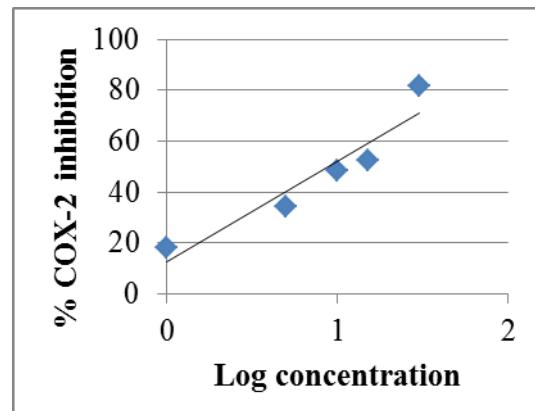
(a)



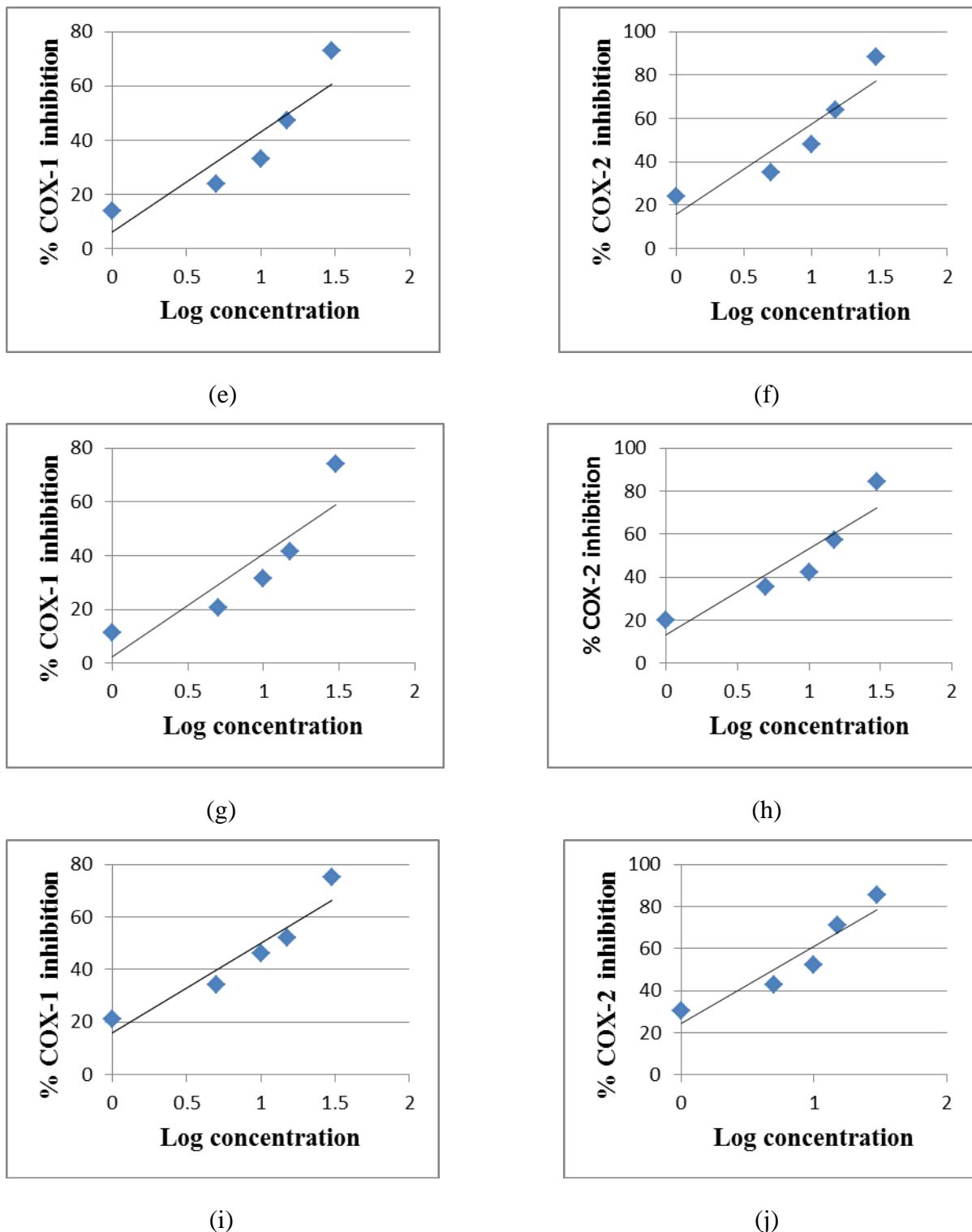
(b)



(c)



(d)



**Figure 2.** Dose-dependent inhibitory effects (a) Compound **13b** on COX-1. (b) **13b** on COX-2. (c) Compound **13d** on COX-1. (d) **13d** on COX-2. (e) Compound **13e** on COX-1. (f) **13e** on COX-2. (g) Compound **13g** on COX-1. (h) **13g** on COX-2. (i) Compound **13h** on COX-1. (j) **13h** on COX-2.